

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

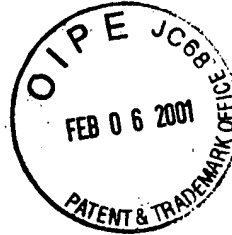
DEWHURST, Sebastian John

Serial No.: 09/734,048

Filing Date: 12/12/2000

Title: COMPUTATIONAL FLUID DYNAMICS SOFTWARE

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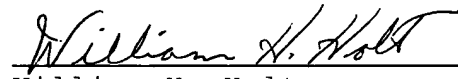


TRANSMITTAL OF FORMAL DRAWINGS

Assistant Commissioner for Patents  
Washington, D.C. 20231  
Sir:

Submitted herewith are two formal sheets of drawings.  
Please substitute these formal drawings for the informal drawings  
filed with the application on December 12, 2000.

Respectfully submitted,

  
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February 6, 2001

Fig.1.

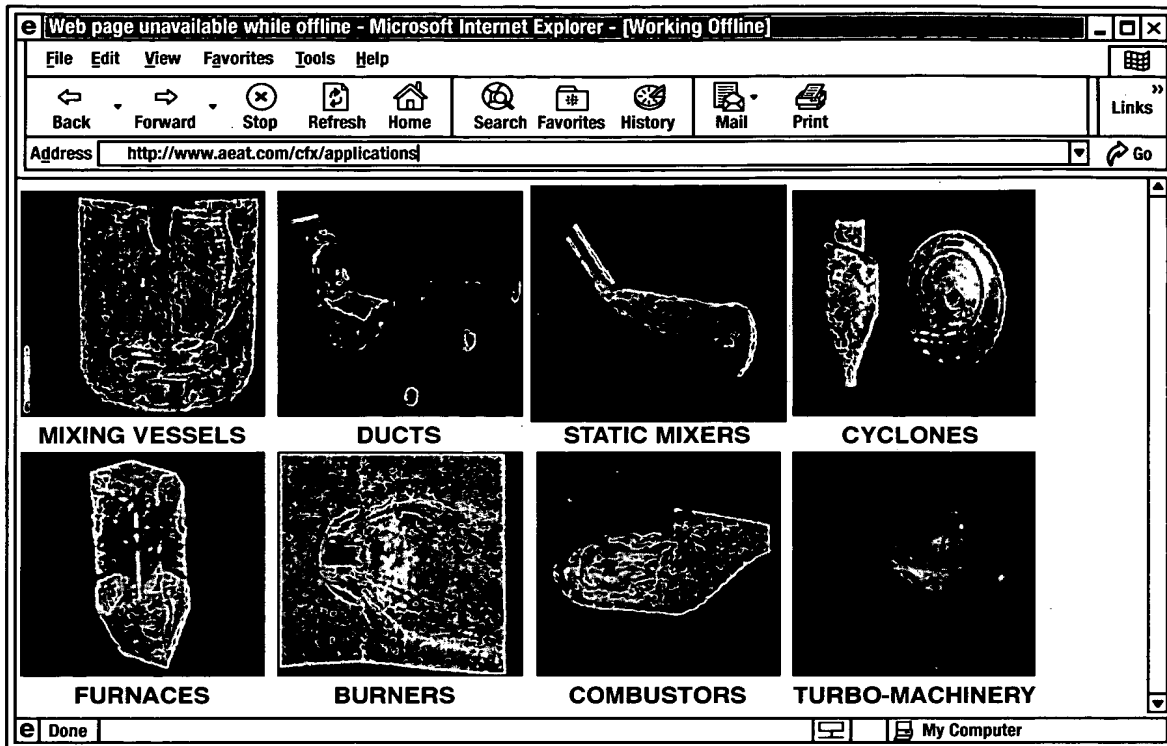


Fig.2.

The screenshot shows a Microsoft Internet Explorer window with the title 'Web page unavailable while offline - Microsoft Internet Explorer - [Working Offline]'. The address bar contains 'http://www.aeat.com/cfx/applications/static.mixers/'. The main content area displays a form for input variables and a diagram of a static mixer.

Please provide the initial values for the Input Variables:

D1: 10  m

D2: 11  m

Theta: 12  Degrees

Would you like to optimize any of the Output Variables:

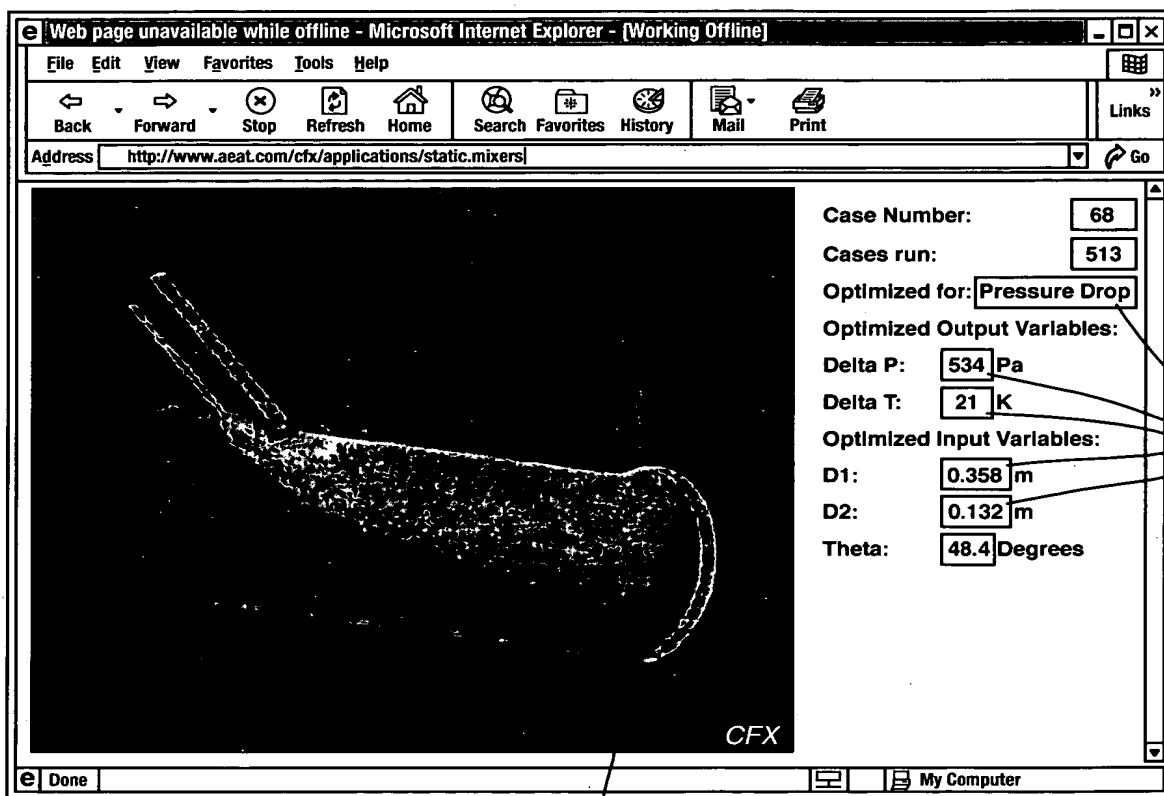
Delta P  14

Delta T  15

18

The diagram shows a vertical cylindrical vessel with a top flange labeled D1 and a side flange labeled D2. The angle between the two flanges is labeled Theta.

Fig.3.



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1000 4 9 10  
2005 4 11 10